

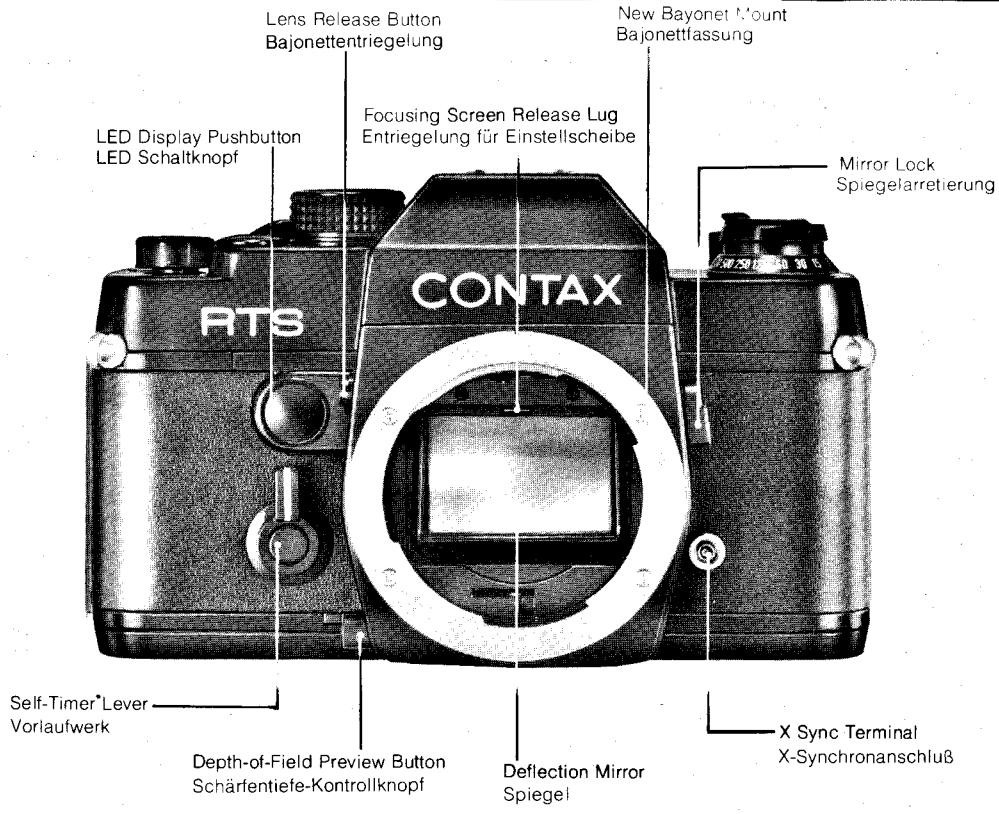
TECHNICAL DATA

Lens Mount	Contax/Yashica Mount (three-claw bayonet mount) developed by mutual cooperation of Carl Zeiss, West Germany, and Yashica, Japan.
Lens	PLANER T* f/1.4 50mm standard lens composed of 7 elements in 6 groups, interchangeable with a wide range of high performance Carl Zeiss lenses.
Shutter	Electronic focal plane shutter of a unique design (primary and secondary shutter curtains uncap to provide starting from the identical position) • Electronic timing on both Auto and Manual • Shutter speeds continuously variable from LT (4 sec.) to 1/2000 sec. on Auto; 14 clickstop settings from 4 to 1/2000 sec. and B on Manual • X sync terminal
Shutter Release	Feather-touch magnetic release • Release socket for cable switch and off-hand controls
Exposure Control	Through-the-lens automatic exposure control with SPD sensor above the viewfinder eyepiece taking center-weighted light reading • Fully automatic exposure through lens aperture preselection (exposure readout on manual operation) • LED shutter speed display in viewfinder • EV range from EV -1 to 19 (F1.4 at ASA 100) • ASA range from 12 to 3200 • Provision for exposure compensation (scale calibrated from x4 to x¼; in between settings feasible) • Operates on 6V silver oxide or alkaline battery (Eveready 544, Ucar 544, Mallory PX28, Alkaline Eveready 537 or equivalent)
Viewfinder	Through-the-lens reflex viewfinder shows up to 92% of the actual picture area • Magnification ratio: 0.87X • Pentaprism silver coated and deflection mirror multi-layer coated to ensure maximum brightness of the viewfinder field • Focusing screen interchangeable from the lens mount side
Viewfinder Display	16-dot LED shutter speed display shows calibrated and in-between speeds • Green shutter speed pointer overlaps 'A' setting on Auto and indicates shutter control dial setting on manual • Aperture display shows maximum aperture of the lens in use on the extreme right and f-stop in use in green figure • Exposure compensation tab appears when the exposure compensation pointer is set at any position other than 'X1'
Film Advance	Film advance lever advances film through a single 140 degree stroke or several short ratchet action • Exposure counter resets automatically to start position when the back cover is opened
Film Rewind	Film rewind crank-handle with unique clutch action • White line on top of the knob rotates to indicate proper film advance
Camera Back	Back cover opens when the film rewind knob is pulled all the way out • Camera back interchangeable with Data Back or 250 Film Back (for use with motor drive unit)
Other Features	Multiple exposure through depression of the film rewind release button • Mirror lock lever • LED battery checker display • Depth-of-field preview button • Direct X contact shoe with anti-shock provision • Motor drive coupling terminal and film advance coupler
Size & Weight	142 x 89.5 x 50mm; approx. 700 grams (body only)

TECHNISCHE DA

Objektivfassung	Contax Y
Standardobjektiv	CARL ZEISS
Verschluß	Elektronisch gelagert matic-B 1/2000 S
Auslöser	Elektronisch auslöser
Belichtungsmessung	Durch d Anzeige mit Bel Lichtwe Batterie oder Gl Spiegel mit Silb schichte
Sucher	16 Punk Anzeige gestellte Ausgang Warnsig
Sucheranzeige	Durch e Zählwert
Filmtransport	Ausklapp dem Rück Rückwan wand oc Mehrfach knopf
Filmrückwicklung	142 x 89
Camerarückwand	
Sonstiges	
Abmessungen & Gewicht	

DESCRIPTION (I) BESCHREIBUNG(I)



LED Battery Checker
LED Batteriekontrolle

Film Advance Lever
Filmtransporthebel

Exposure Counter
Bildzählwerk

Magnetic Release
Elektromagnetischer Auslöser

Aperture
Blende

LED Battery Checker Display
LED Batteriekontrolle

Exposure Compensation Pointer
Belichtungskompensationsanzeige

Shutter Speed Index
Verschlußzeit-Einstellindex

Film Advance Lever
Filmtransporthebel

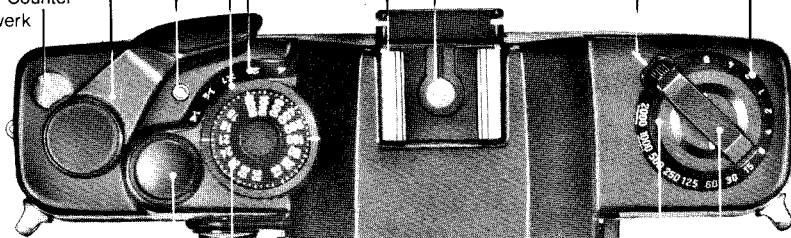
Exposure Compensation Scale
Belichtungskompensationskala

Shutter Control Dial
Belichtungszeitenskala

Exposure Counter
Bildzählwerk

Accessory Shoe
Zubehörschuh

Direct X Contact
X-Mittlenkontakt



Magnetic Release
Elektromagnetischer Auslöseknopf

Film Rewind Crank-Handle
Filmrückwickelkurbel

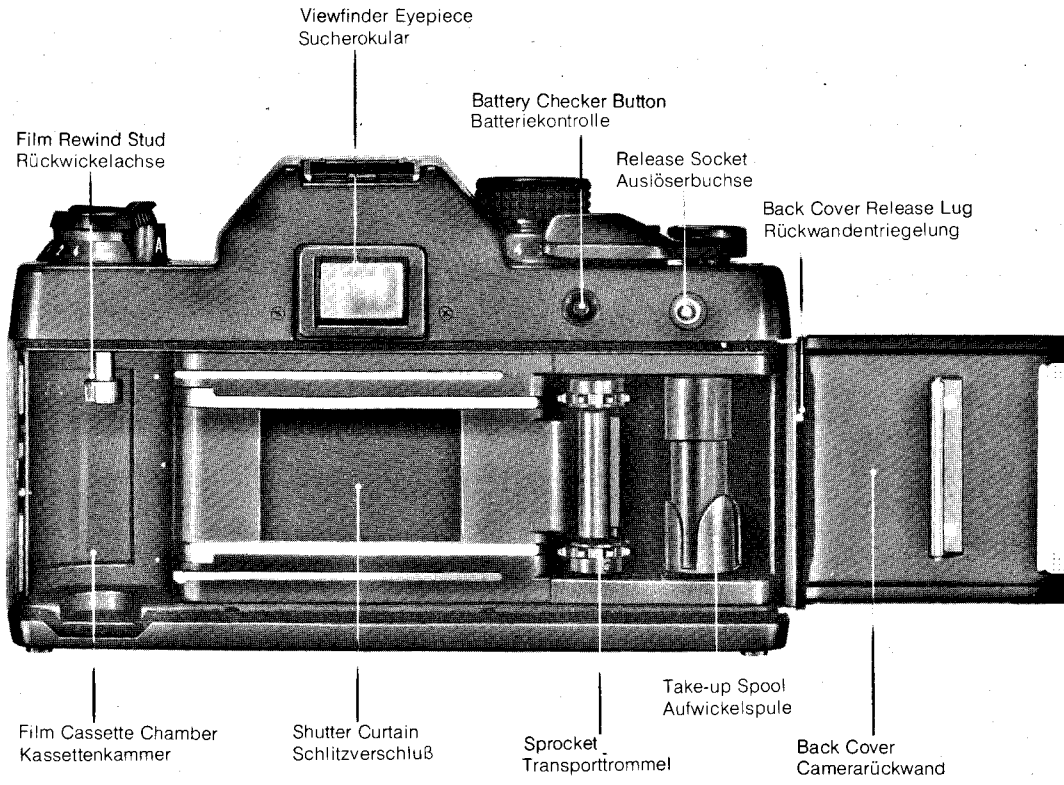
Film Speed Dial
DIN/ASA Skala

Film Rewind Knob
Filmrückwickelknopf

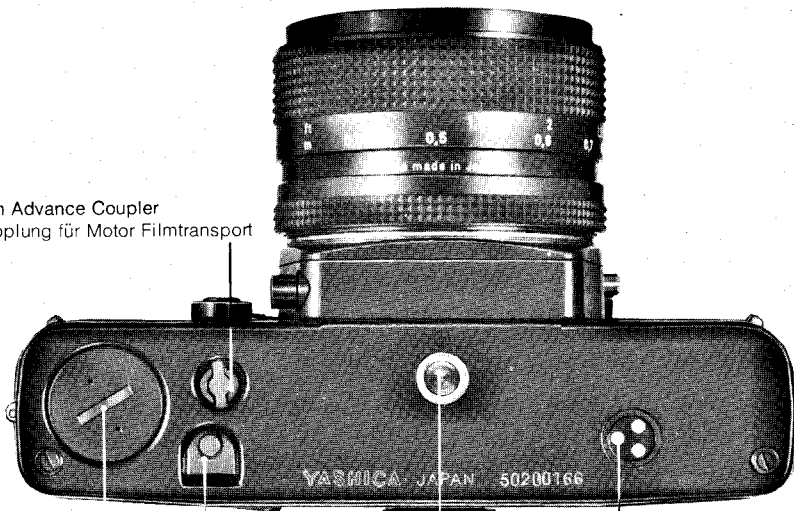
Aperture Ring
Blendenring

Focusing Ring
Fokussiering

DESCRIPTION (II) BESCHREIBUNG(II)



Film Advance Coupler
Kupplung für Motor Filmtransport



Film Rewind Release Button
Filmrückwickelentriegelungsknopf

Battery Compartment Cover
Batteriegehäusedeckel

Tripod Socket
Stativgewinde

Motor Drive Coupling Terminal
Synchronkontakte für Motor Filmtransport

Unlight when loading the film.

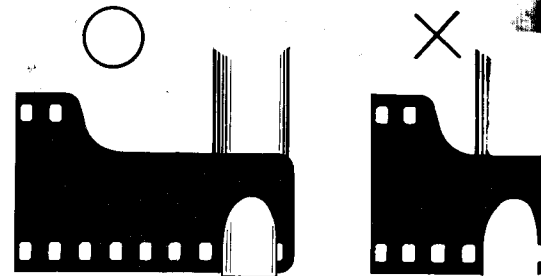
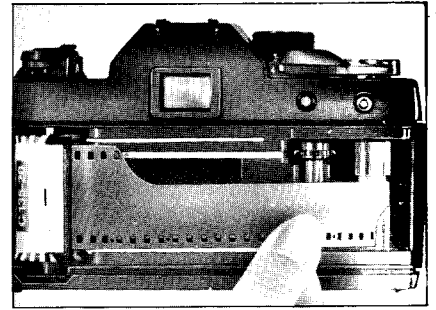
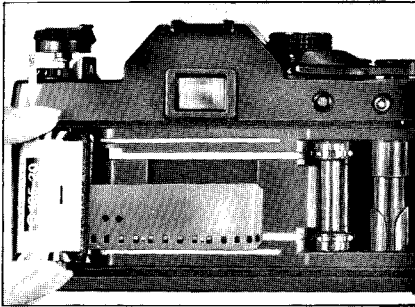
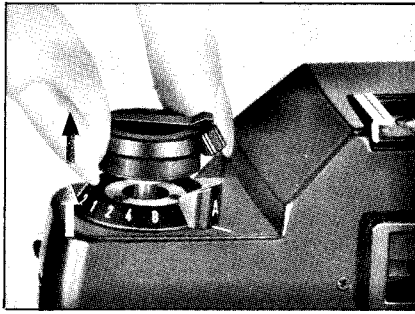
up the rubber eye-cup, open the back cover by
the film rewind knob. As soon as the back cover is
exposure counter will reset to 'S' (start position).

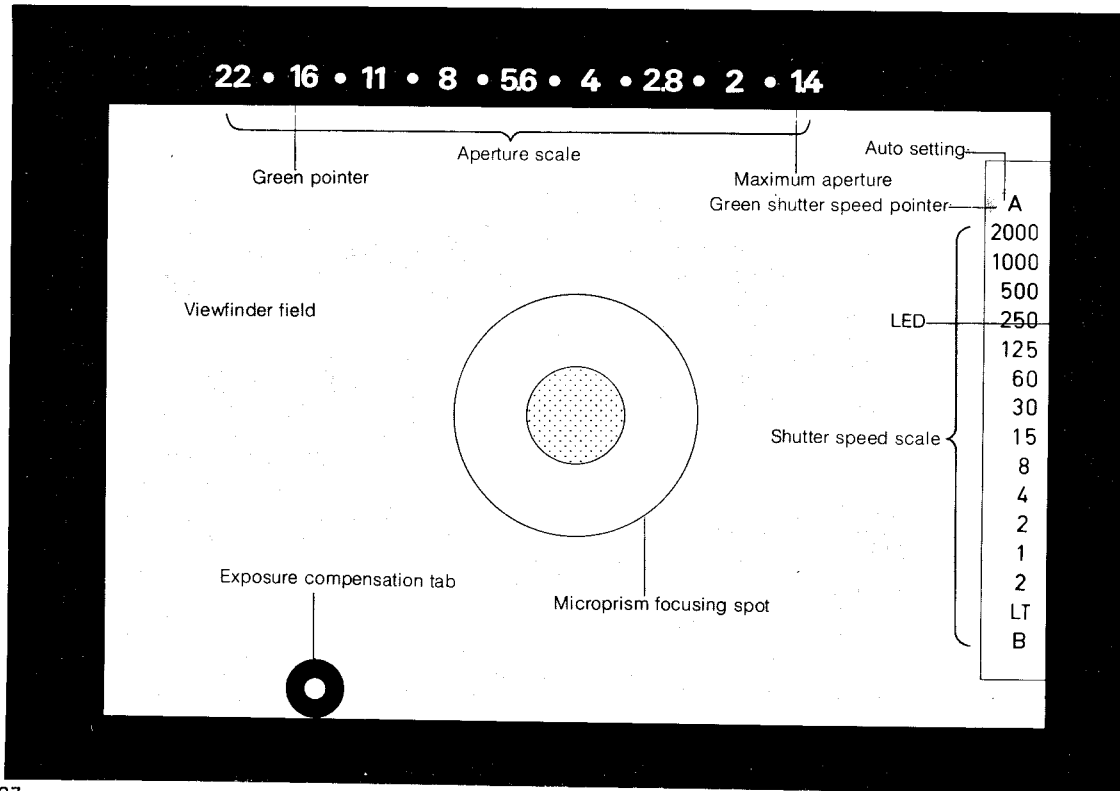
the cassette in the film cassette chamber and push the
back to its original position.

ward 35mm cassette film of 12, 20 or 36 exposure

tip on the take-up spool as illustrated.

erting the film tip farther than is necessary.





The viewfinder maximum for obtaining Microprism The standard focusing Aperture The figure 1.2, 1.4, 2 to the right extreme When the green fig. Shutter s When the display the LED dot obtained If the LED aperture a When the exposure green po Exposure When the other than compensa

The viewfinder of your CONTAX RTS shows the field covered by the lens in use always at the maximum aperture. In addition to the bright field, it provides preview of all necessary information for obtaining correct exposure.

Microprism focusing spot

The standard viewing screen features a microprism center focusing spot which affords precise focusing most readily. For details on how to secure focus, refer to the pertinent section.

Aperture display

The figures along the top edge of the finder frame denote the f-stops. The complete scale consists of 1.2, 1.4, 2, 2.8, 4, 5.6, 8, 11, 16, 22 and 32 settings. When the lens is mounted properly, the scale shifts to the right or left, correspondingly, to display the maximum aperture of the lens in use always on the extreme right.

When the aperture ring of the lens is turned, the green pointer moves to display the preset aperture in green figure.

Shutter speed display

When the LED display pushbutton is depressed before or after film wind, the LED dot comes on to display the shutter speed ensuring correct exposure in relation with the preselected aperture. If the LED dot comes on within the range of 2000 (1/2000 sec.) and LT (4 sec.), correct exposure can be obtained as long as the shutter speed dial is set at the 'AUTO' setting.

If the LED dot comes on in alignment with 'A' or 'B', incorrect exposure is indicated; therefore, the lens aperture and/or shutter speed setting must be readjusted accordingly.

When the green pointer overlaps the 'A' setting, it means that the camera is set for fully automatic exposure. In case the shutter control dial is adjusted to any position other than the 'AUTO' setting, the green pointer will overlap the figure corresponding to the shutter control dial setting.

Exposure compensation tab

When the film speed dial is turned and the exposure compensation pointer is aligned with any setting other than 'X1', this tab appears on the lower edge of the finder frame to signal that exposure compensation is being made.

16-DOT LED SHUTTER SPEED DISPLAY

The shutter speed display incorporated in the viewfinder of the CONTAX RTS consists of a 16-dot LED (light emitting diode) array. The LED dot comes on immediately upon depression of the LED display push-button to display the shutter speed set in relation with the preselected lens aperture. This shutter speed display is unique in the fact that it can be turned on regardless of whether the film has been advanced or not. As explained in the foregoing pages, one LED dot indicates automatic setting of the shutter speed corresponding to the figure in alignment, while two LED dots signify in-between speed.

Under fluorescent light, more than two LED dots may sometimes come on at the same time. Although it is not perceptible to the human eye, there is a rapid fluctuation of the light intensity emitted by a fluorescent lamp and, because of the extremely high speed of response of the light sensor and the display, this variation of the light intensity is picked up, thus resulting in flickering of the LED dots which appears to our eyes as simultaneous lighting of three or more dots. This phenomenon does not, however, signify a malfunction. When the shutter is released, correct exposure will be made at the optimum shutter speed.

16 PUNKTE LED BELICHTUNGSZEITENANZEIGE

Die in den Sucher der CONTAX RTS eingebaute Belichtungszeitenanzeige besteht aus einer 16 Punkte Leuchtdiode (LED - Licht emittierende Diode). Die LED zeigt verzögerungsfrei nach Berühren des LED Schaltknopfes durch Aufleuchten des entsprechenden Punktes die eingestellte Belichtungszeit an.

Das Aufleuchten eines LED Punktes zeigt die Einstellung der exakten Belichtungszeit an; das Aufleuchten zweier Punkte einen Zwischenwert.

Durch fluoreszierendes Licht, z.B. Neonlicht, kann der Eindruck erweckt werden, daß mehr als zwei LED Punkte aufleuchten. Da das menschliche Auge nicht in der Lage ist, das aus dem extrem schnellen Anspruchsvermögen der LED und der Silicium-Photo-Diode resultierende Aufleuchten der LED Punkte zu trennen, erweckt der Wechsel von LED Punkt zu LED Punkt innerhalb von Sekundenbruchteilen den Eindruck, daß mehrere Diodenpunkte gleichzeitig aufleuchten. Dieses Phänomen zeigt nicht einen Fehler im Meßsystem an; im Moment der Verschlußauslösung wird mit exakter Zeiteinstellung belichtet.

TECHNICAL OUTLINE ADVANCED TECHNIQUES

operation, proceed
to advanced techniques by
reading the following section.
The CONTAX RTS is
designed to afford the most precise
and convenient operation in an
advanced system application.

BESONDERHEITEN DER CONTAX RTS TECHNIK

Die Besonderheiten der Contax
haben, umfaßt der folgende
Bereich der Contax
Technik Ihre

FEATURE OUTLINE

Magnetic Release

Your CONTAX RTS features a magnetic release of a unique design which opens new horizons in system application.

Unlike the mechanical shutter release featured on other SLR models, this magnetic release trips the shutter instantaneously with minimal stroke and feather-touch fingertip pressure, thus preventing camera shake. It also permits direct use of various off-hand controls. Its principal advantages can be summarized as follows:

1. It affords instantaneous tripping of the shutter.

The magnetic release system of your CONTAX RTS does not use a mechanical plunger with long operating stroke. Instead, it functions strictly on electrical principle and therefore trips the shutter instantaneously. When you press the magnetic release, you are in effect switching on the magnetic release circuit.

TECHNISCHE BESONDERHEITEN

Elektromagnetische Auslösung

Ihre CONTAX RTS ist mit einer elektromagnetischen Auslösung ausgerüstet.

Im Gegensatz zu dem bei fast allen SLR-Cameras verwendeten mechanischen Auslöser arbeitet der elektromagnetische Auslöser Ihrer CONTAX RTS nahezu verzögerungsfrei. Zusätzlich bietet er umfangreiche Anwendungsmöglichkeiten von Fernauslösesystemen.

1. Das elektromagnetische Auslösesystem Ihrer CONTAX RTS ist weitgehend frei von mechanischen Widerständen und Arbeitswegen. Schon ein leichtes Berühren des Auslöseknopfes aktiviert den Elektromagneten und führt zur Belichtung.

2. It permits direct use of

Because the magnetic release affords most convenient cable switches, infrared control provides precise synchronization, thus affording speeds range on Auto.

3. It ensures Real Time light

The magnetic release system standby switching of the system. Simultaneously with system, the electric current and Real Time light reach flip-up.

2. Da die Auslösung der CO

arbeitet, ergeben sich die für verschiedene Fernauslöseschalter, Infrarot- und Fernauslösesystem eine präzise Belichtungszeit über die gromatic-Einstellung.

3. Dieses Auslösesystem

Aktivierung des Lichtm Cameraverschlusses Mit

2. It permits direct use of various off-hand controls.

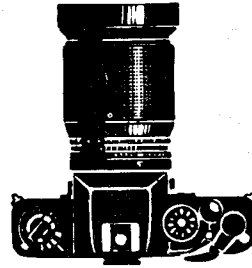
Because the magnetic release system works on electrical principle, it affords most convenient use of various off-hand controls, such as cable switches, infrared controller set and interval timer. Moreover, it provides precise synchronization of the shutter and motor drive operation, thus affording use of the motor drive unit at all shutter speeds range on Auto.

3. It ensures Real Time light reading.

The magnetic release system does not feature any provision for standby switching of the automatic through-the-lens light reading system. Simultaneously with the activation of the magnetic release system, the electric current flows to the electronic exposure control and Real Time light reading is taken immediately prior to mirror flip-up.

2 Da die Auslösung der CONTAX RTS auf elektromagnetischer Basis arbeitet, ergeben sich daraus nicht nur Anschlußmöglichkeiten für verschiedene Fernauslösungen wie z.B. Kabel und Intervallschalter, Infrarot- und Funkfern-Auslöser. Zusätzlich gewährleistet dieses System eine präzise Synchronisation von Motorantrieb und Belichtungszeit über die gesamte Zeite skala und selbst bei Automatic-Einstellung.

Dieses Auslösesystem bewirkt eine nahezu verzögerungsfreie Aktivierung des Lichtmeßsystems und Programmierung des Cameraverschlusses Millisekunden vor der Belichtung.

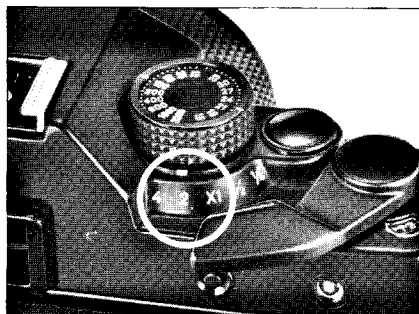
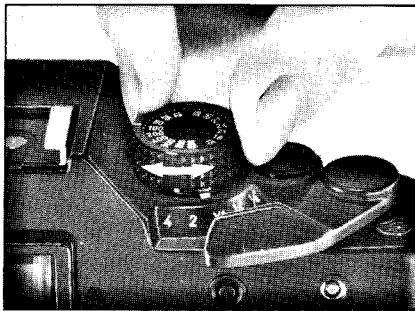


EXPOSURE COMPENSATION (I)

When shooting backlit or spotlight subjects or when special effects are desired, turn the film speed dial and make exposure compensation by aligning the pointer with the required setting on the exposure compensation scale.

The exposure compensation scale has four clickstop settings besides the X1 setting for normal exposure, namely, 4, 2, $\frac{1}{2}$ and $\frac{1}{4}$. The pointer can also be set at an in-between setting.

To make exposure compensation, turn the film speed dial and align the exposure compensation pointer with the required setting on the scale. When thus adjusted to a position other than the X1 setting, the exposure compensation tab will appear in the viewfinder to signal that exposure compensation is being made.



BELICHTUNGSKORREKTUR

22 • 16 • 11 • 8 • 56 • 4 • 28 • 2 •

